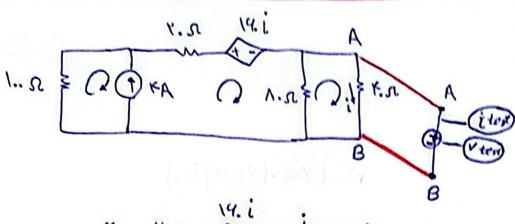
صعادله تتونن بياسد.



KVL=1-74. +4.i, + 1.i, +14.i + 1.i, -i, = 0

1 mo 14/1 - Noty = 14/2-14/1 + 14/14 + = 7/1, + 1/4 + 1/4 = 1/4 + 1/4 = 1/4 + 1/4 = 1/4 + 1/4 = 1/4 + 1/4 = 1/4 + 1/4 = 1/4 + 1/4 = 1/4 + 1/4 = 1/4 + 1/4 = 1/4 + 1/4 = 1/4 + 1/4 = 1/4 + 1/4 = 1/4 + 1/4 = 1/4 + 1/4 = 1/4 + 1/4 = 1/4 + 1/4 = 1/4 + 1/4 =

Y On N. (ix-ti) + Fi = 0 N. ix - Noi, + K. ix - K. ix = 0

17 \$ ip - 1 \$ i_ - 4. ip = 0 \\ \(\varphi_1 - \varphi

Y mo +. (ip-i)+V test=0 [ip=riv-ri] (ri+i=r+4i-ri)

ri, -ri, - i, = -V test

Vtest = - rit + ri

litest = - ip

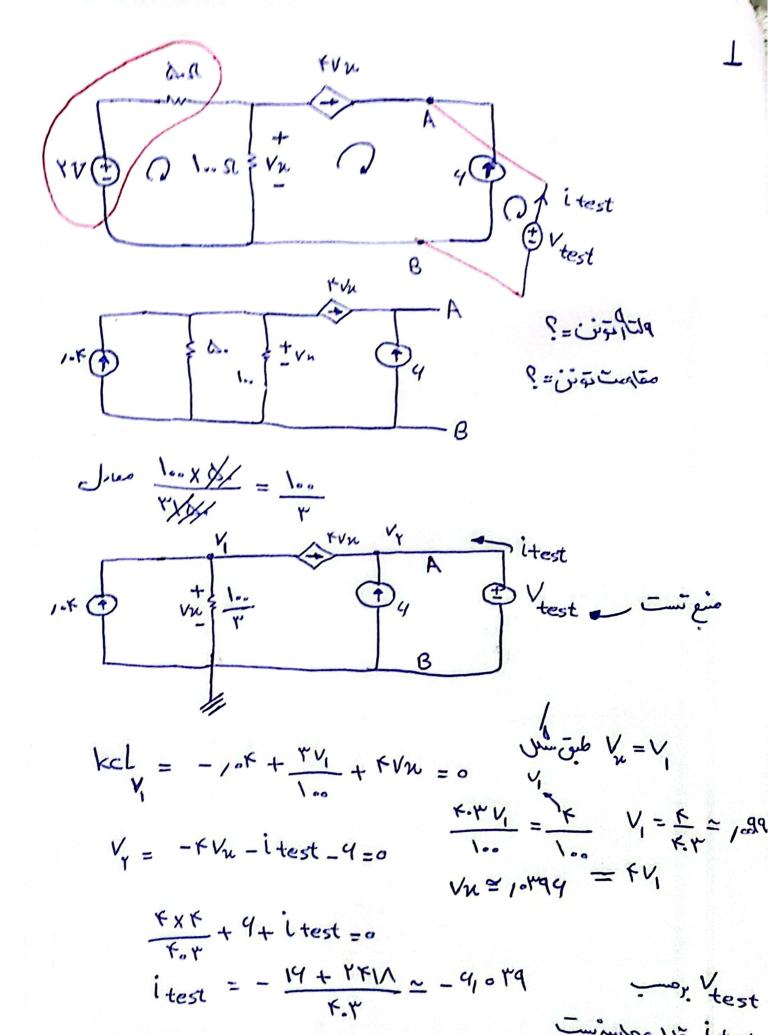
$$i_r = \frac{\Lambda(r. - V \text{ test})}{\Lambda.} = \frac{r. - V \text{ test}}{14}$$

$$-i_r = i_{\text{test}} = i \qquad \frac{V \text{ test} - r.}{14} = i$$

$$\frac{V \text{ test} - r.}{14} = i$$

$$\frac{V \text{ test}}{14} = i$$

$$\frac{V \text{$$



$$\frac{V_{r}}{V} + \frac{V_{r} - V_{r}}{V} + \frac{V_{r} - V_{r}}{V} = 0$$

$$\frac{V_{r}}{V} + \frac{V_{r} - V_{r}}{V} = 0$$

$$\frac{V_{r}}{V} + \frac{V_{r} - V_{r}}{V} = 0$$

$$\frac{V_{r}}{V} + \frac{V_{r} - V_{r}}{V} = 0$$

$$VV_{r} = +V_{r} + V_{1}$$

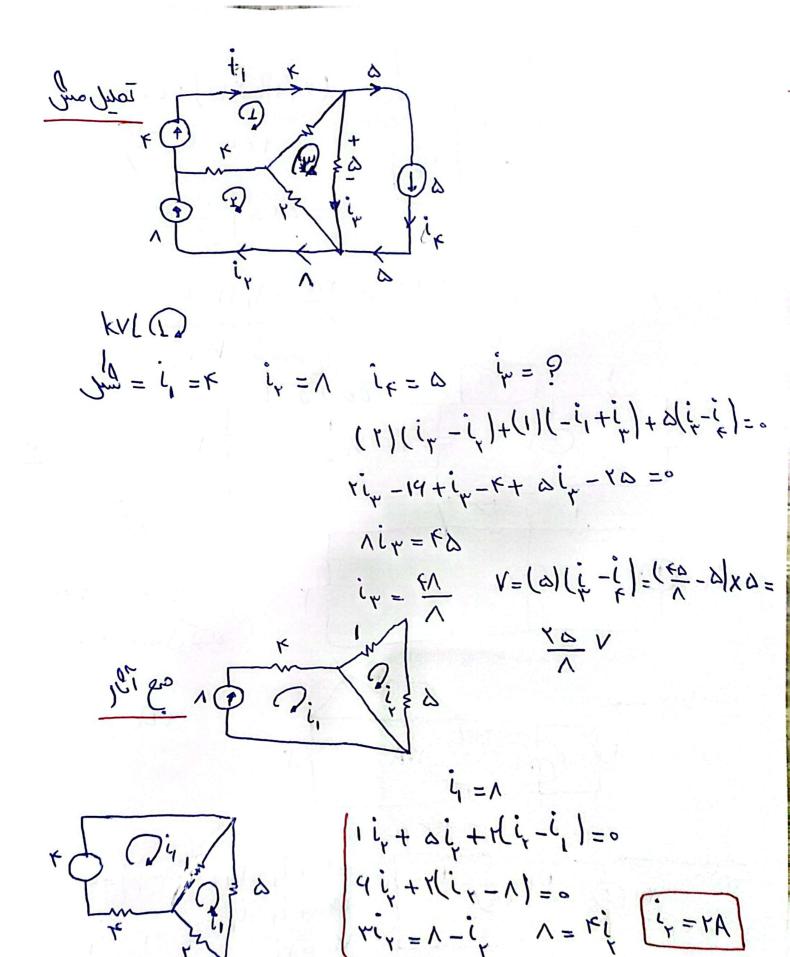
$$V_{1} = V_{r} + 14$$

$$V_{r} = \frac{4V_{r} + 14}{b}$$

$$V_{r} = \frac{4V_{r} + 14}{b}$$

$$V_{1} = \frac{\sqrt{4}}{\sqrt{1 + \sqrt{14}}} = \frac{\sqrt{4}}{\sqrt{1 + \sqrt{14}}}$$

K



$$i_{1} = \begin{cases} \langle v_{1} \rangle - \langle v_{1$$

